REGULATORY TOXICOLOGY AND RISK ASSESSMENT
MPH

Faculty: Lisa Peterson, Ph.D., Irina Stepanov, Ph.D., William Toscano, Ph.D., Elizabeth Wattenberg, Ph.D, Silvia Balbo, PhD

GENERAL CORE COURSES:
(ONLINE OPTIONS AVAILABLE any semester)
PUBH 6020 Fundamentals of Social and Behavioral Science (3 cr.)
PUBH 6320 Fundamentals of Epidemiology (3 cr.)
PUBH 6414 Biostatistics Methods I (3 cr.)
PUBH 6741 Ethics in Public Health Professional Practice and Policy (1 cr.)
PUBH 6751 Principles of Management in Health Services Organizations (2 cr.)

DIVISION CORE COURSES:
PUBH 6102 Issues in Environmental Health (2 cr., fall)
PUBH 6109 Society, Politics and Policy (4 cr., spring)
PUBH 7194 Environmental and Occupational Health Masters Project (3 - 5 cr)
PUBH 7196 Field Experience in Environmental Health (3 - 5 cr)

CONCENTRATION CORE COURSES:
*BioC 4331/2 Biochemistry and Molecular Biology (8 cr, two semesters total)
or BioC 8001/2 Biochemistry: Structure, Catalysis, and Metabolism, Molecular Biology and Regulation of Biological Processes (6 cr, two semesters total)
*Phsl 5101 Human Physiology (5 cr)
*Biol 4004 Cell Biology (3 cr)
PubH 6161 Regulatory Toxicology (2 cr)
PUBH 6162 Application of Biomarkers in Public Health Research (2 cr)
PUBH 6112 Environmental Health Risk Assessment: Application to Human Health Risks (2 cr)
PUBH 6160 Systems Toxicology (3 cr)
PUBH 8160 Advanced Toxicology (2 cr)
PUBH 8161 Current Literature in Toxicology (1 cr)

RECOMMENDED ELECTIVES
PHCL 5111 Pharmacogenomics (3 cr)
BioC 5361 Microbial Genomics and Bioinformatics (3 cr)
PUBH 6074: Mass Communication and Public Health (3cr)
*This course requirement may be waived, with approval by the toxicology faculty, if the student has completed the equivalent course.

TOTAL CREDITS: Minimum of 42 credits including electives chosen in consultation with advisor.